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| 10/733,944 | 12/12/2003 | Sten R. Gerfast | | 8717 |

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STEN R. GERFAST
1802 VALLEY CURVE ROAD
MENDOTA HEIGHTS, MN 55118

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| EXAMINER |
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NGUYEN, TRAN N

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2834

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PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

DETAILED ADVISORY ACTION

The Replacement drawing, filed on 11/29/10, Figure 1 shows a single and continuous wire being continuously wound around one salient pole in one direction and wound around the adjacent salient pole in the reverse direction. That is one single and continuous wire defines **each single coil for each salient pole**, and wherein two adjacent salient poles having two respective coils being wound in opposite (reverse) direction.

The Applicant's Amendment and Remarks, filed on 11/29/10, does not overcome the following issues that have been addressed in the FINAL Office action:

(A) **Claims 1 and 9 have been rejected under 35 U.S.C. 112, first paragraph**, as failing to comply with the written description requirement. The claim contains subject matter which was not described in the specification (hereinafter "spec") in such a way as to reasonably convey to one skilled in the relevant art that the inventor, at the time the application was filed, had possession of the claimed invention.

The spec does **not** provide any description for the amended claimed language of "a stator with a like number of salient poles, each including alternately wound coils coupled to form a single coil with two free ends" (as in claim 1). This recitation is understood as the stator has the same number of salient poles, each (single) salient pole including alternately wound (plural) coils coupled to form a single coil with two free ends.

Note: the term "coil" is understood as: (1) a series of loops; (2) a number of turns of wire wound around a core/pole.

However, the spec describes the following:

[0049] FIG. 1 is a partial view of the wound stator 100 of the present invention showing the alternately wound magnet wire windings 105 on a pair of salient stator poles 110 that are made from lamination steel. The windings 105 are shown series connected having two free ends.

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This is understood stator winding, i.e. a single and continuous wire, (105) being wound alternately in opposite directions on two respective adjacent salient poles (110), wherein the stator windings of all salient poles are said to be connected in series, and there are two free ends out of the whole series connection.

This description of the spec is shown in Figure 1, i.e. a winding (105) being wound in opposite directions around two respective adjacent salient poles, wherein all the windings of all three salient poles are connected in series with one free end located at the outer-left-side salient pole and the other free end located at the outer-right-side salient pole.

Thus, the description in the spec and the drawing do not provide any support for the amended claimed language the recites each (single) salient pole (of the stator) including alternately wound (plural) coils coupled to form a single coil with two free ends.

In fact, the Applicant does not even address the above issue at all in his amendment and remarks.

(B) Claims 1-22 is rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

In claims 1 and 9, “a stator with a like number of salient poles” is indefinite because it is unclear what is so-called “a like number” in “a like number of salient poles”.

In light of the spec, it is understood as “a stator having a plurality of salient poles, wherein a number of said plurality of salient poles is equal to a number of said plurality of rotor poles.”

Other claims are included herein due to their dependencies from independent claims 1 and 9.

The following applied art rejections in this Office Action based on the above Examiner's interpretations, in light of spec., for the indefinite issues addressed herein this 35 U.S.C. 112, second paragraph rejection.

In his remark, the Applicant stated that “the Examiner is correct in stating that Gerfast's Application is having "a stator having a plurality of salient poles, wherein a number of said plurality of salient poles is equal to a number of said plurality of rotor poles". However, the

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Applicant did **not** resolve the **35 U.S.C. 112, second paragraph**, as being indefinite for **claims 1 and 9, “a stator with a like number of salient poles” is indefinite because it is unclear what is so-called “a like number” in “a like number of salient poles”**.

By **not** changing the claimed language in claims 1 and 9 to clearly recites that “a stator having a plurality of salient poles, wherein a number of said plurality of salient poles is equal to a number of said plurality of rotor poles”, and by maintaining the claimed language as it has been with the phrase **“a stator with a like number of salient poles”**, the Applicant does not resolve the indefinite issues in claims 1 and 9.

The Applicant’s remark regarding the art rejection, under **35 U.S.C. 103 (a)**, has been acknowledged; however, due to the above issues; based on the Examiner's interpretation of the claimed invention, according to the application’s specification, the prior art refs have been applied in the rejections.

Therefore, the Applicant’s Amendment, filed on 11/29/10, does **not** put the application in condition for allowance.

The Applicant strongly advised to resolve the issues of the 35 U.S.C. 112, first paragraph and second paragraph, as have been addressed in the Final Office Action, dated on 9/10/10, as well as repeated, with elaboration, herein this Advisory Action.

Communication

Due to technical difficulties of the telephone system, which happen unexpectedly from time to time, **an initial contact should be established via email at Tran.Nguyen@USPTO.gov** for communication and/or any inquiry concerning this communication or earlier communications from the Examiner Tran Nguyen.

The Examiner will reply via email, or telephone call, if requested and provided direct telephone number, within 24 hours from receiving initial contact email.

If the Applicant needs to request an Official Interview, please email to inform the Examiner and an Official Interview will be scheduled accordingly.

The applicant(s) is/are advised that ALL communications via email are UNOFFICIAL. Emailing is only for establishing initial contact with the Examiner Tran Nguyen.

If attempts to reach the examiner by email are unsuccessful, the examiner's supervisor, Quyen Leung can be reached on 571-272-8188. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300. (Note: **Use this Central Fax number 571-273-8300 for all official response.**)

Do **not** use the Examiner's RightFax number without informing the Examiner first because, according to the USPTO policy, any document being sent via RightFax is treated as unofficial response and will not be officially dated until it is routed to the Central Fax.

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/Tran Nguyen/

Primary Examiner, Art Unit 2834